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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/708,081	11/08/2000	Hiroshi Tanaka	0879-0286P	9588

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EXAMINER

SELBY, GEVELL V

ART UNIT	PAPER NUMBER
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2615

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DATE MAILED: 03/11/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/708,081

Applicant(s)

TANAKA ET AL.

Examiner

Gevell Selby

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3, 4
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yuyama et al., 5,612,732 in view of Daigaku, US 4,337,383.**

In regard to claim 1, Yuyama et al., US 5,612,732, discloses a camera comprising:

a communication device (see figure 3, element 4) which allows radio communication with other unit (see column 5, lines 12-21);

a radio antenna (see figure 1, element 15),

wherein a conductive component previously provided for the camera but not electromagnetically shielded is jointly used as the radio antenna (see column 4, lines 57-59).

Yuyama et al., US 5,612,732, does not explicitly disclose that the earphone jack is insulated from the camera housing. It is well-known and old in the art to have the housing of the earphone jack be made of synthetic resin and also provide an insulating member for one side of the electrical contact as taught by Daigaku, US 4,337,383 (see column 2, lines 16-17 and 33-36).

It would have been obvious to one skilled in the art at the time of invention to have been motivated to modify Yuyama et al., 5,612,732, in view of Daigaku, US

4,337, 383, to have a resin earphone jack housing and an electrical insulating member for the electrical contact in order to insulate the earphone jack from the other components while still allowing electrical connection to complete the circuit.

3. **Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yuyama et al., 5,612,732, in view of Daigaku, US 4,337,383, as applied to claim 1 above, and further in view of Martin et al., US 5,983,119.**

In regard to claim 2, Yuyama et al., 5,612,732, in view of Daigaku, US 4,337,383, as applied to claim 1 above, discloses the camera according to claim 1, but lacks that the conductive component includes any one of a hot shoe to which an accessory is set, a reflector of a flash, a strap, a strap setting member, a ring member around a photographing ring, a camera operating button, a camera operating dial, a camera operating lever, a lens cover, a cover of a battery, and a cover of a recording-medium storing section.

Martin et al., US 5,983,119, discloses a wireless communication device with an antenna that jointly serves as an operating button or operating dial so that the user can control the input data to the device (see column 1, lines 43-59 and column 2, lines 16-26).

It would have been obvious to a person skilled in the art at the time of invention to be motivated to modify Yuyama et al., US 5,612,732, in view of Martin et al., US 5,983,119, to have one of the camera operating buttons as serve as the antenna in order to miniaturize the device as taught by Yuyama et al., US 5,612,732 (see column 1, lines 27-30).

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Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 5,825,413 discloses a camera surveillance system that used a preexisting component of the system to serve as the antenna.

The following art discloses camera systems with communication devices:

US 6,204,877 and US 6,262,767.

The following art discloses camera components insulated from the camera body:

US 3,950,767 and US 3,602,122.

US 4,949,077 discloses a radio with a strap antenna.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gevell Selby whose telephone number is 703-305-8623. The examiner can normally be reached on 8:00 A.M. - 5:30 PM (every other Friday off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's primary, Vu Le can be reached on 703-308-6613. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

gvs


VU LE
PRIMARY EXAMINER